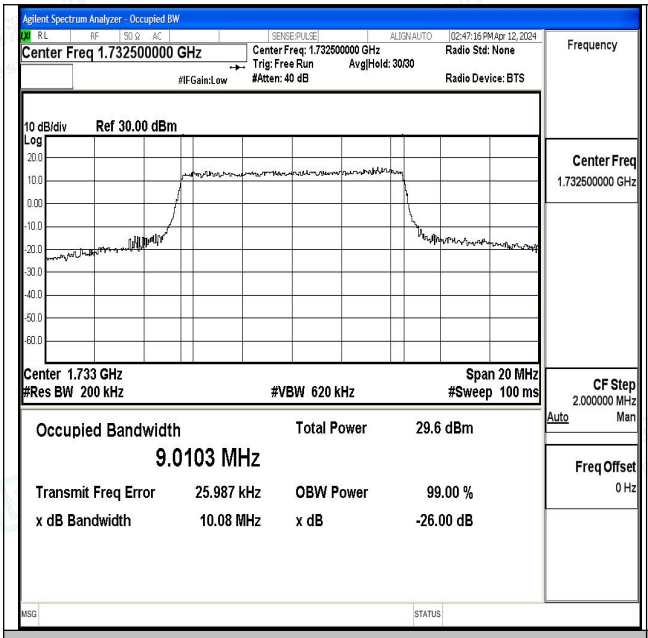
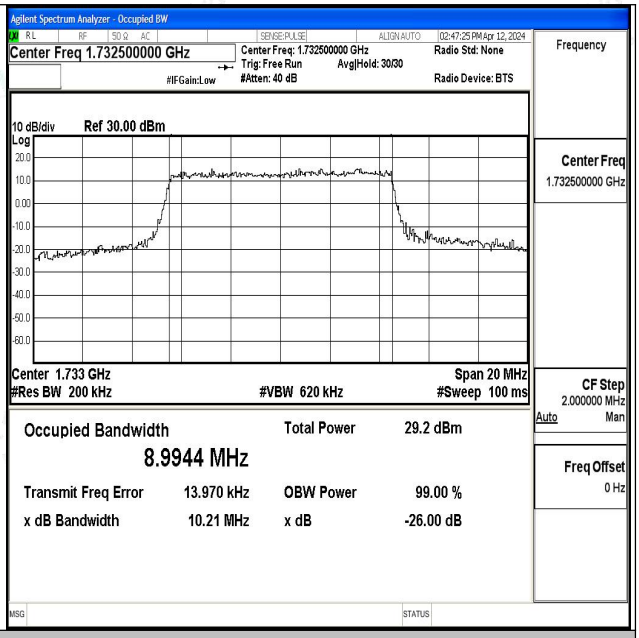
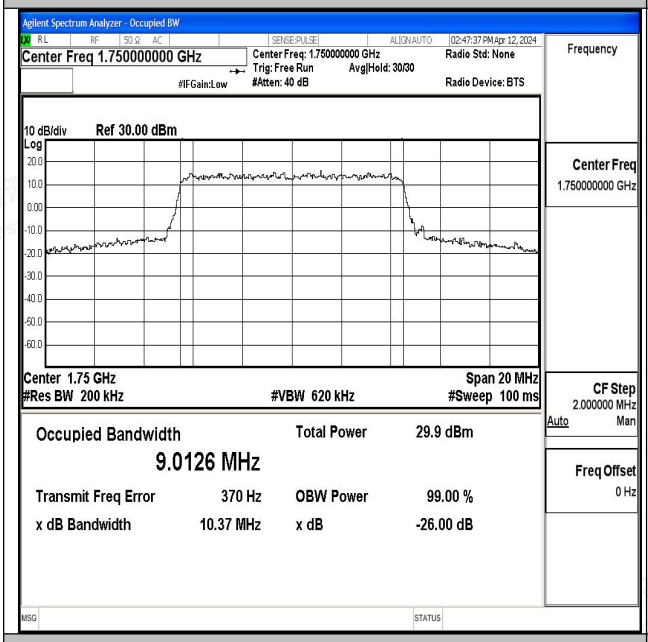


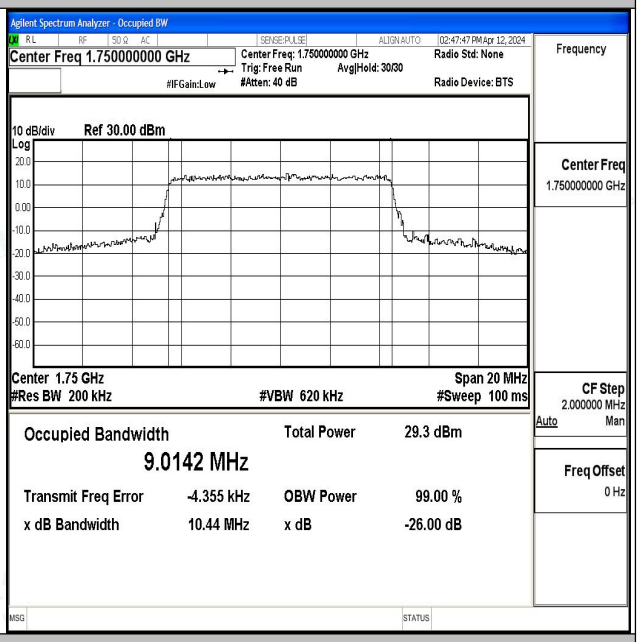
Band4-10MHz-QPSK-20175-50RB#0-PASS



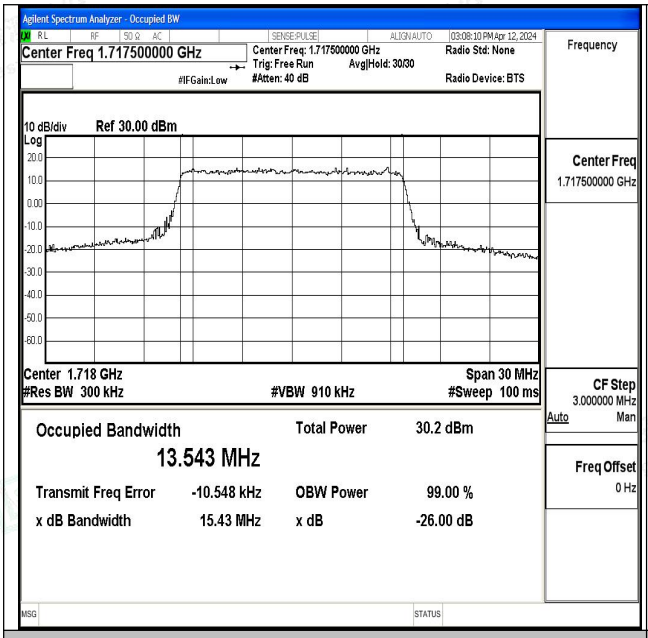
Band4-10MHz-16QAM-20175-50RB#0-PASS



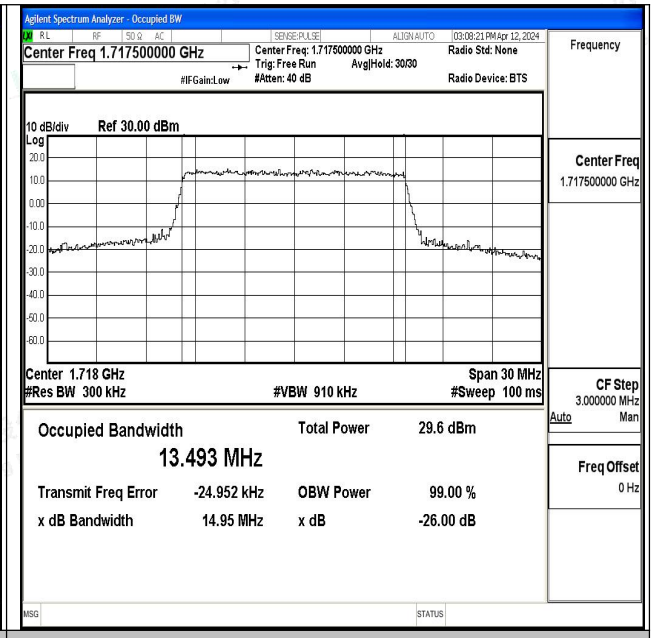
Band4-10MHz-QPSK-20350-50RB#0-PASS



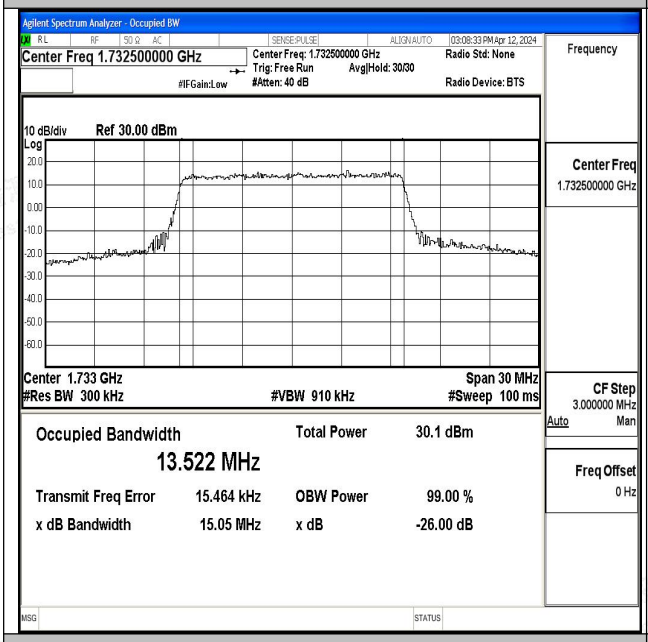
Band4-10MHz-16QAM-20350-50RB#0-PASS



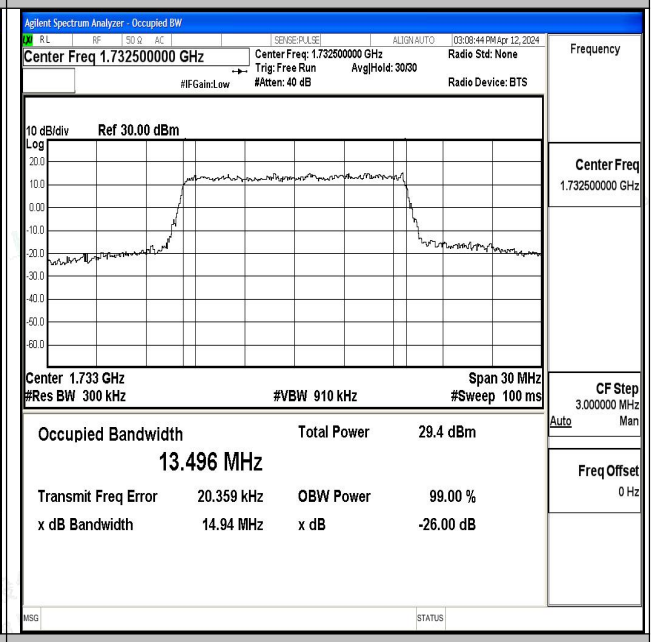
Band4-15MHz-QPSK-20025-75RB#0-PASS



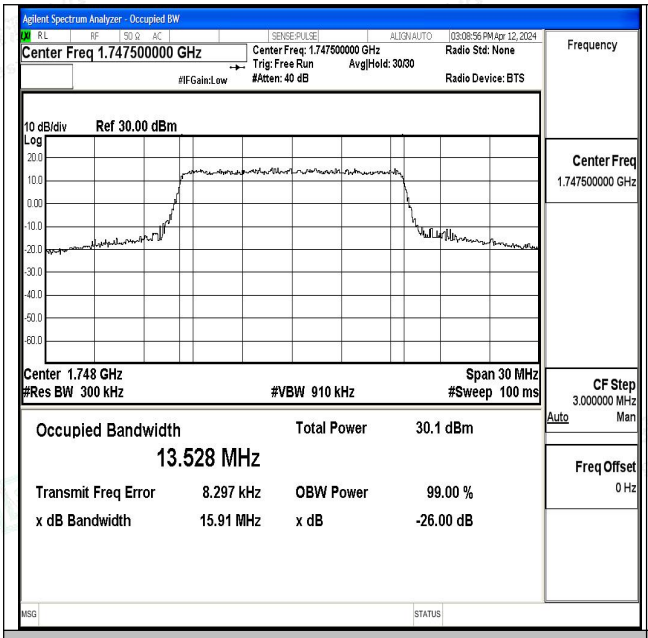
Band4-15MHz-16QAM-20025-75RB#0-PASS



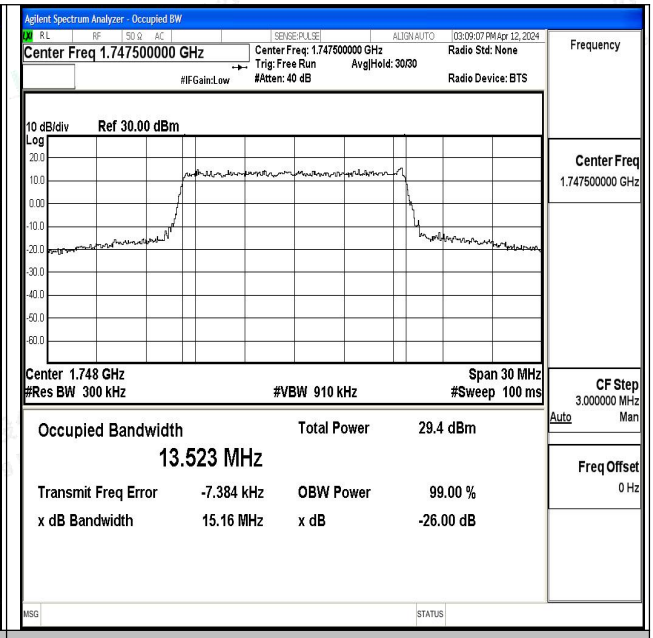
Band4-15MHz-QPSK-20175-75RB#0-PASS



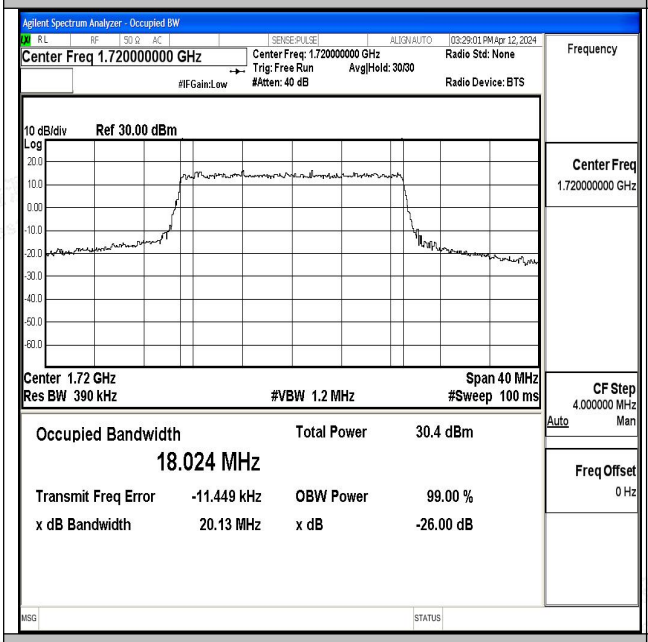
Band4-15MHz-16QAM-20175-75RB#0-PASS



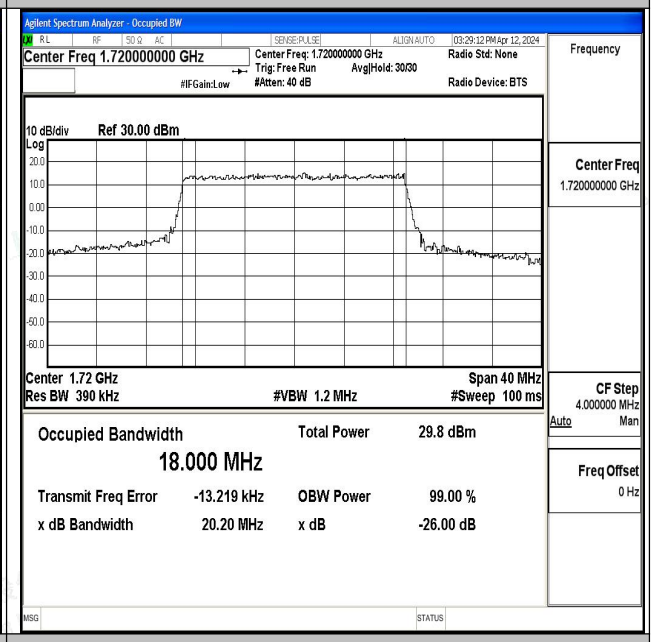
Band4-15MHz-QPSK-20325-75RB#0-PASS



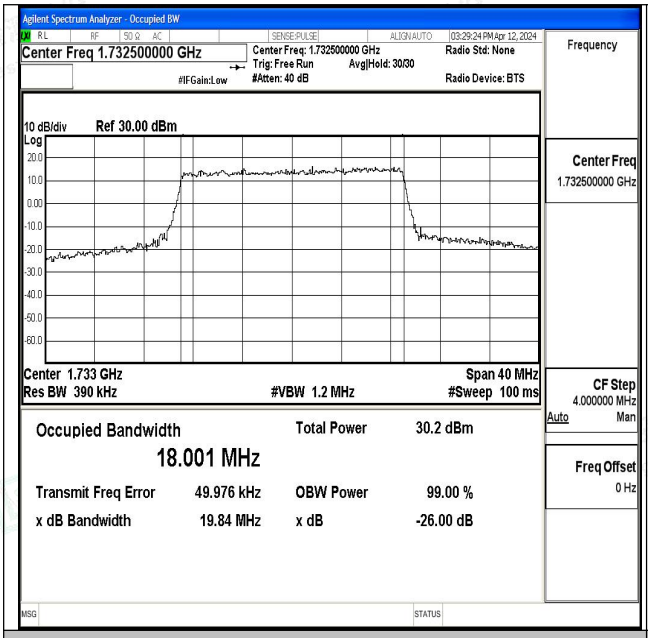
Band4-15MHz-16QAM-20325-75RB#0-PASS



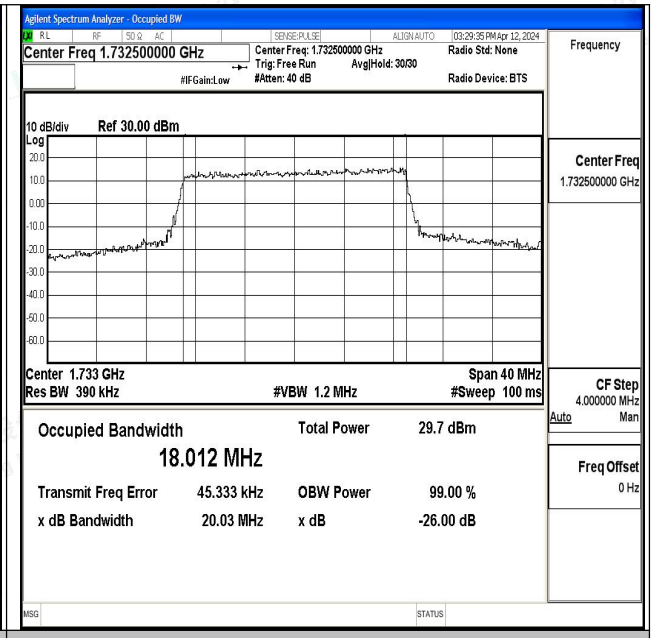
Band4-20MHz-QPSK-20050-100RB#0-PASS



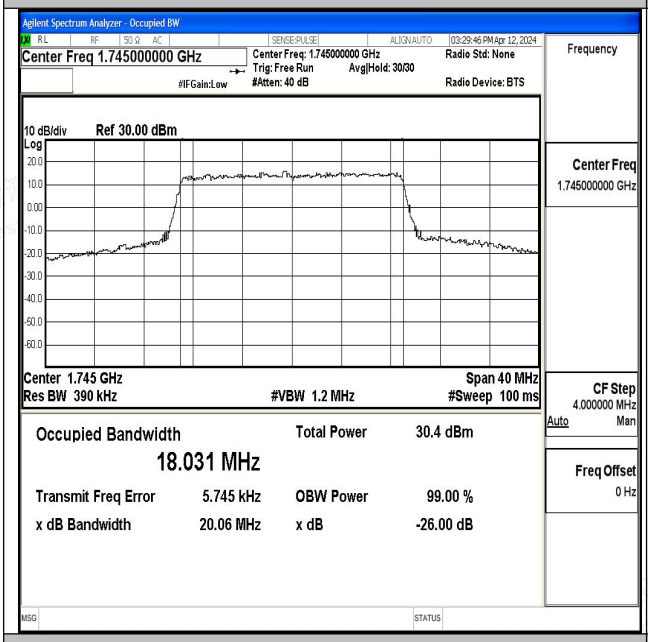
Band4-20MHz-16QAM-20050-100RB#0-PASS



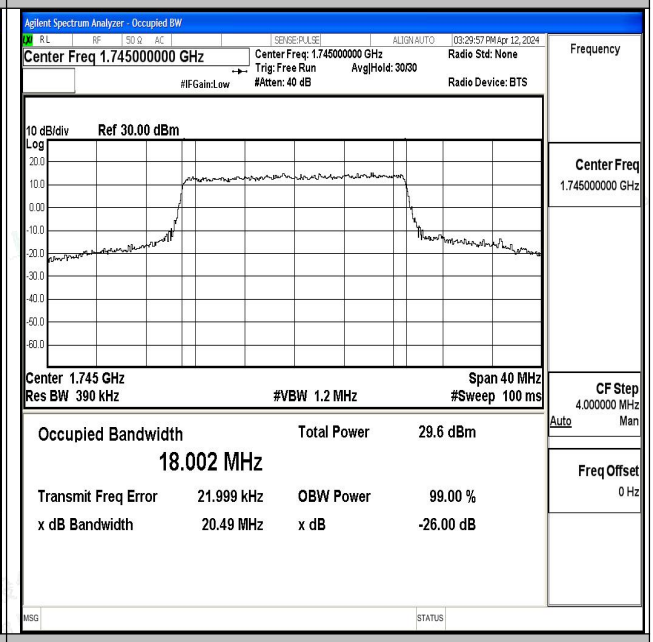
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



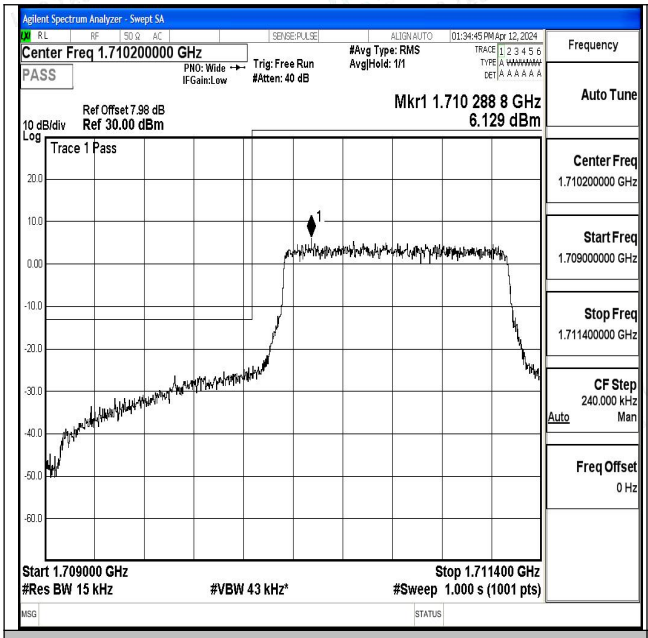
Band4-20MHz-16QAM-20300-100RB#0-PASS

G.4 Band Edge

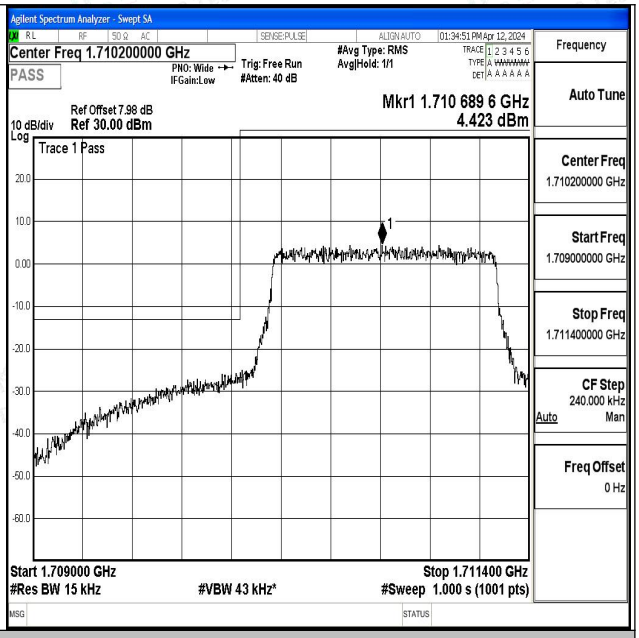
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-24.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-25.69	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.39	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-24.43	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.24	PASS
Band4	3MHz	16QAM	19965	15RB#0	-23.18	PASS
Band4	3MHz	QPSK	20385	15RB#0	-21.67	PASS
Band4	3MHz	16QAM	20385	15RB#0	-24.68	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.74	PASS
Band4	5MHz	16QAM	19975	25RB#0	-26.16	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.18	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.57	PASS
Band4	10MHz	QPSK	20000	50RB#0	-25.75	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	-25.01	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.16	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.58	PASS
Band4	15MHz	16QAM	20025	75RB#0	-27.64	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.54	PASS
Band4	20MHz	QPSK	20050	100RB#0	-26.64	PASS
Band4	20MHz	16QAM	20050	100RB#0	-27.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.55	PASS
Band4	20MHz	16QAM	20300	100RB#0	-26.91	PASS

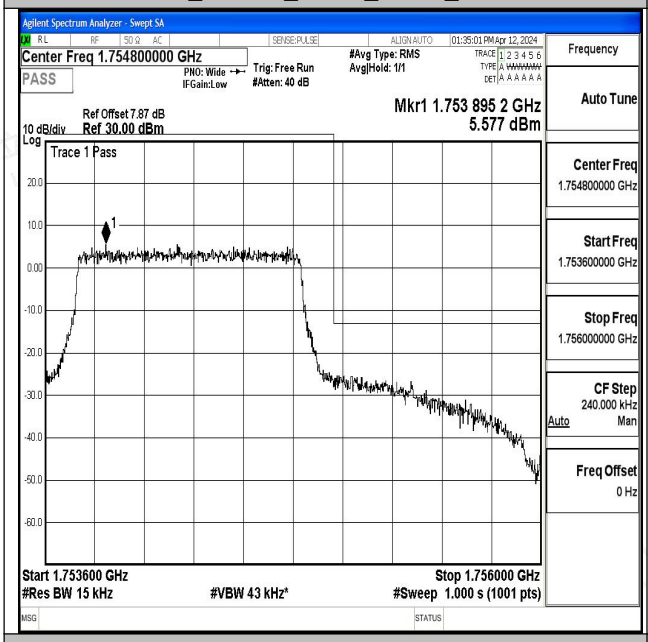
Test Graphs



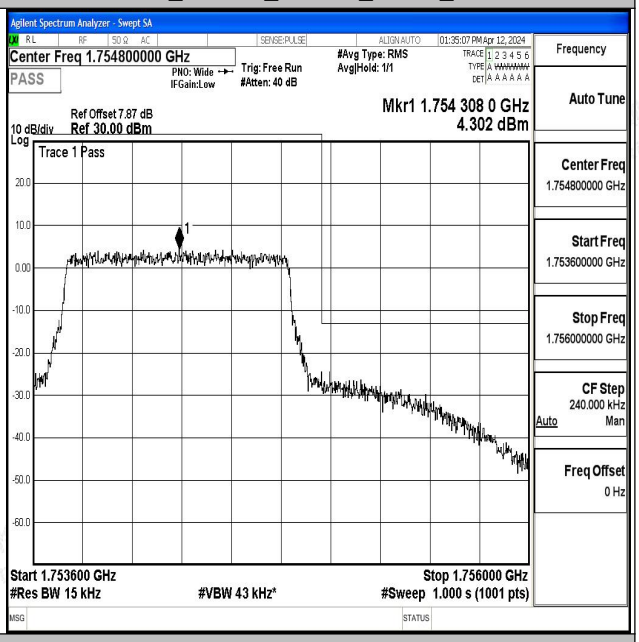
Band4_1.4MHz_QPSK_19957_6RB#0



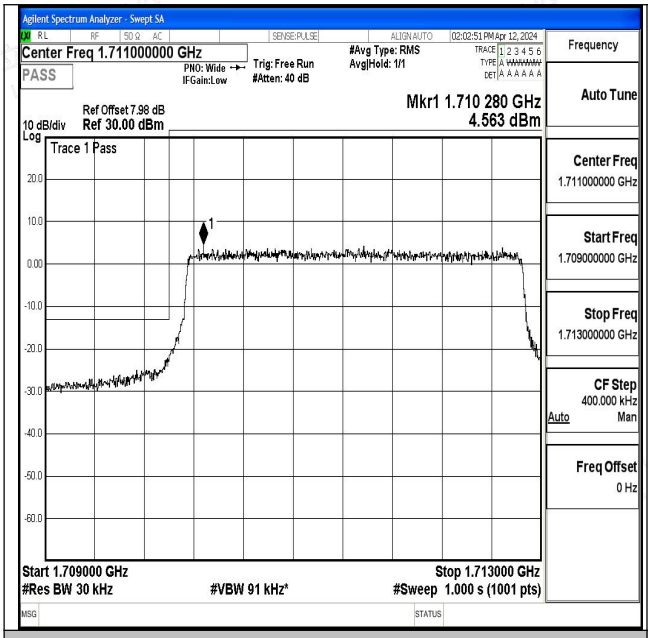
Band4_1.4MHz_16QAM_19957_6RB#0



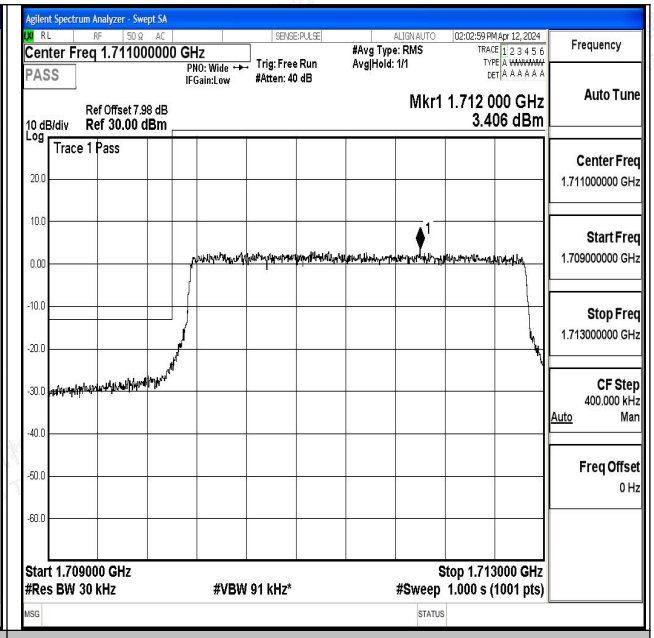
Band4_1.4MHz_QPSK_20393_6RB#0



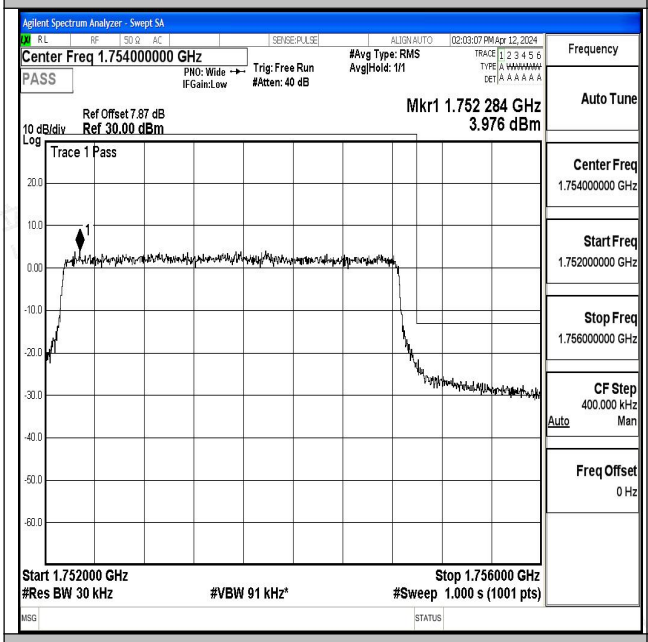
Band4_1.4MHz_16QAM_20393_6RB#0



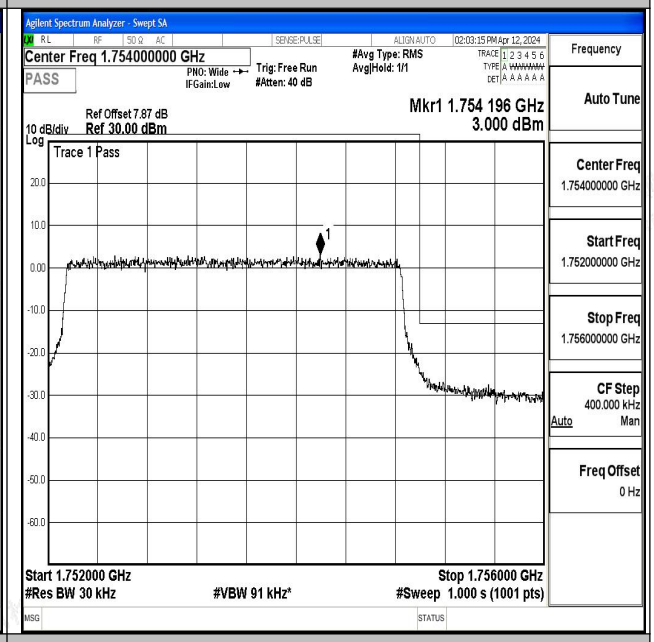
Band4_3MHz_QPSK_19965_15RB#0



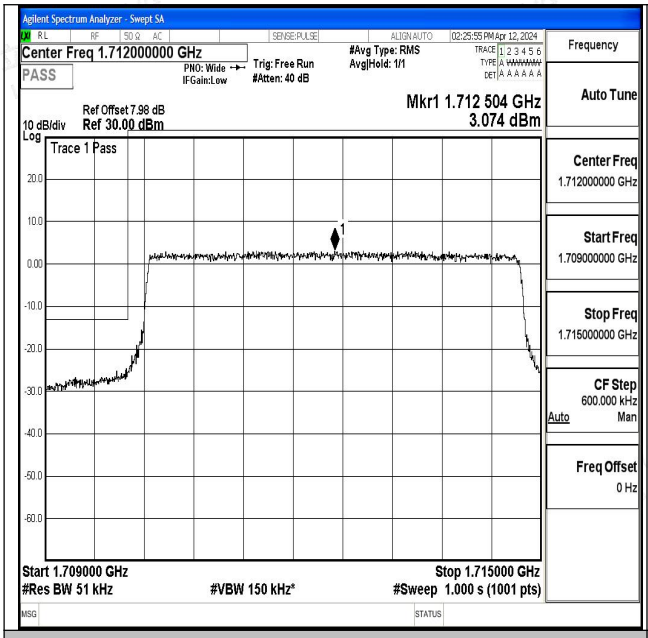
Band4_3MHz_16QAM_19965_15RB#0



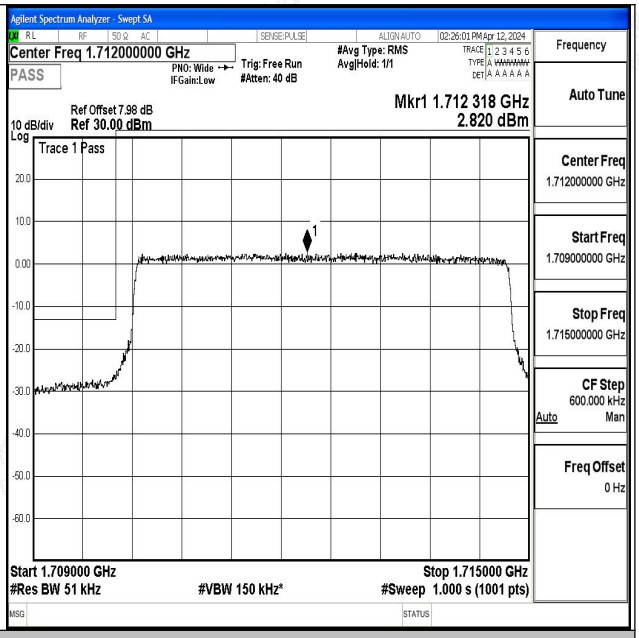
Band4_3MHz_QPSK_20385_15RB#0



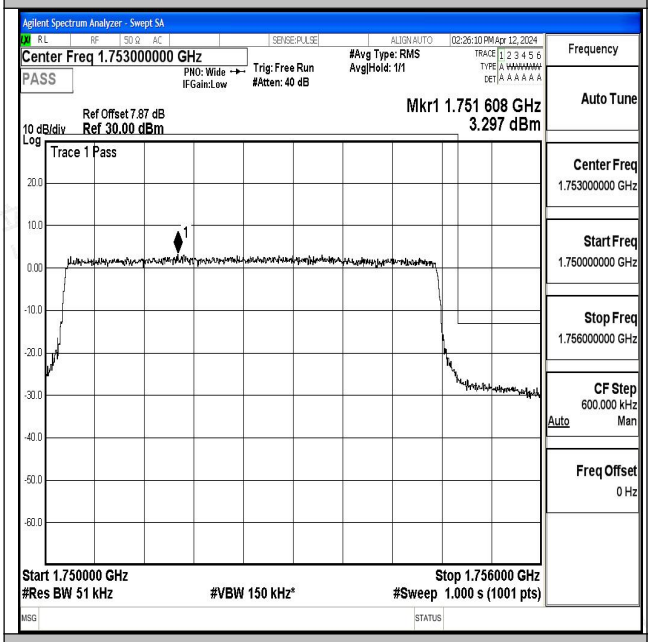
Band4_3MHz_16QAM_20385_15RB#0



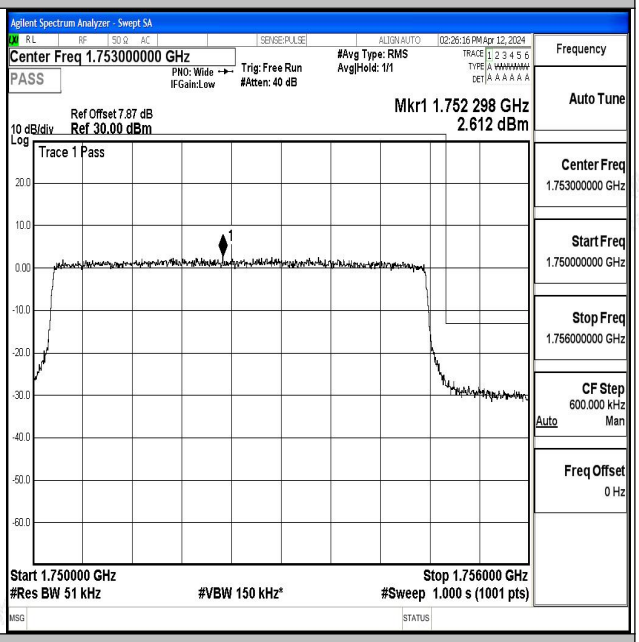
Band4_5MHz_QPSK_19975_25RB#0



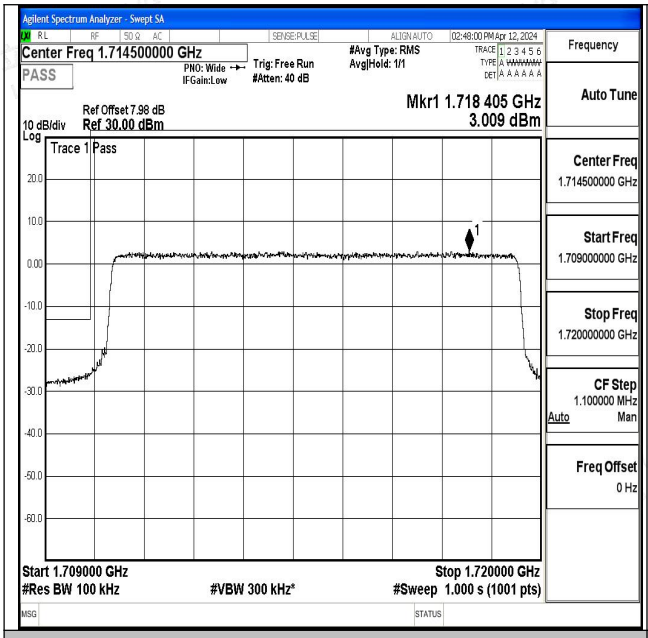
Band4_5MHz_16QAM_19975_25RB#0



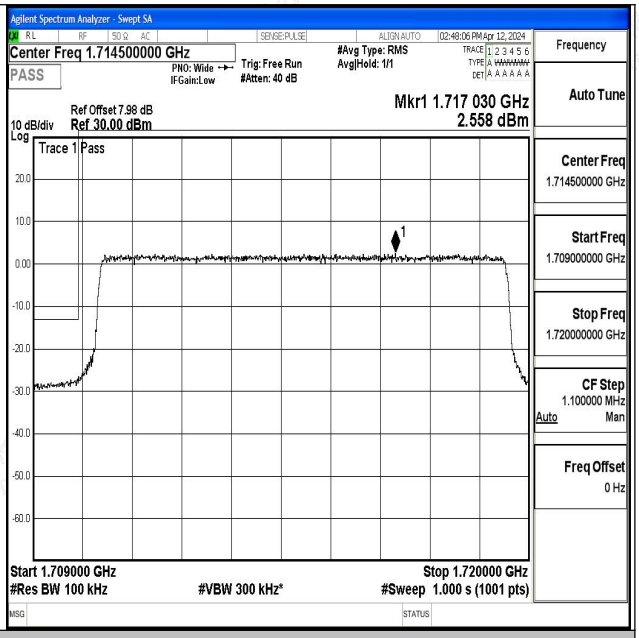
Band4_5MHz_QPSK_20375_25RB#0



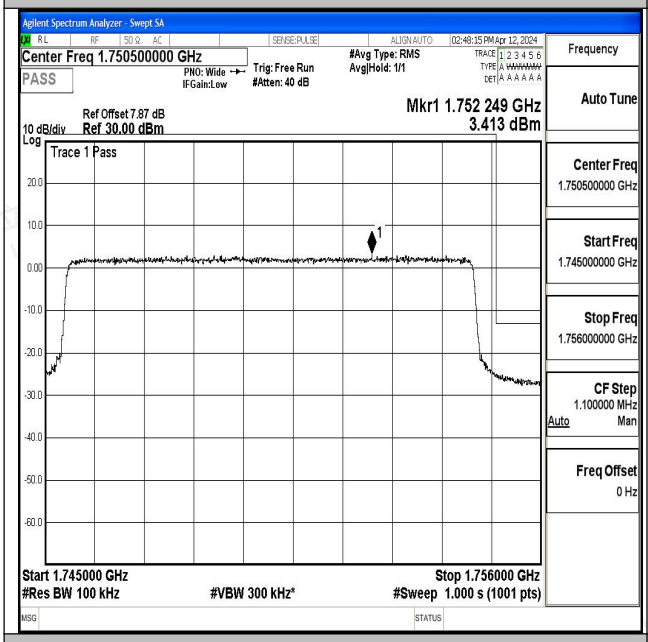
Band4_5MHz_16QAM_20375_25RB#0



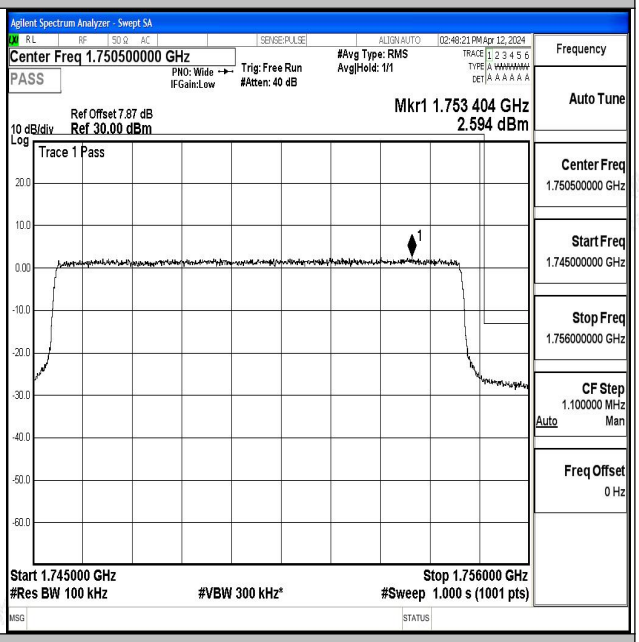
Band4_10MHz_QPSK_20000_50RB#0



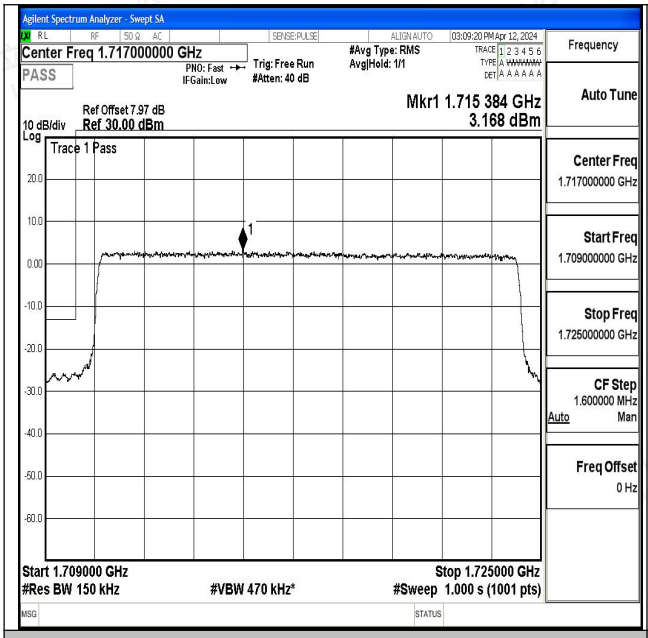
Band4_10MHz_16QAM_20000_50RB#0



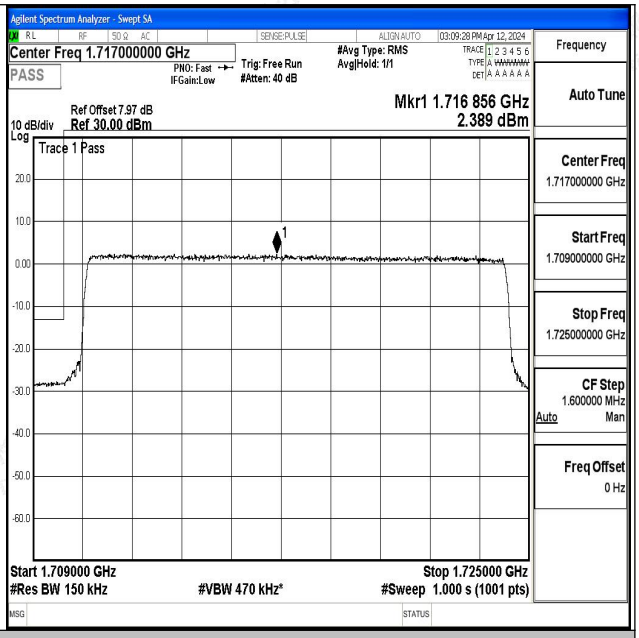
Band4_10MHz_QPSK_20350_50RB#0



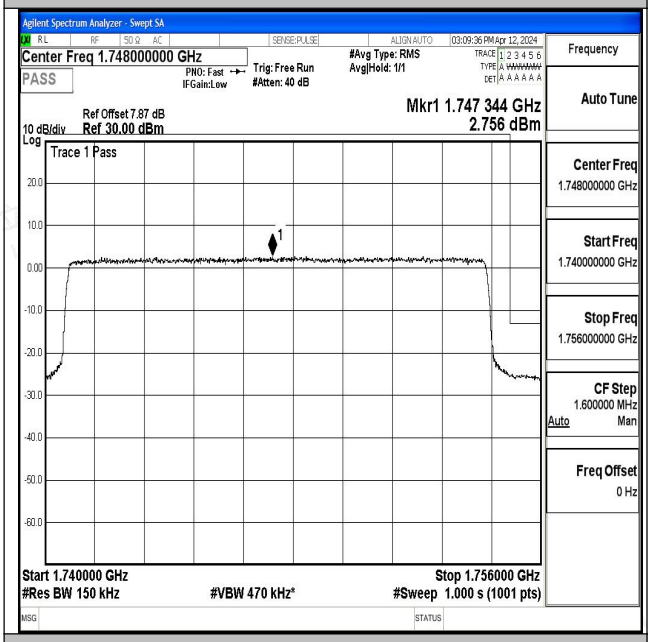
Band4_10MHz_16QAM_20350_50RB#0



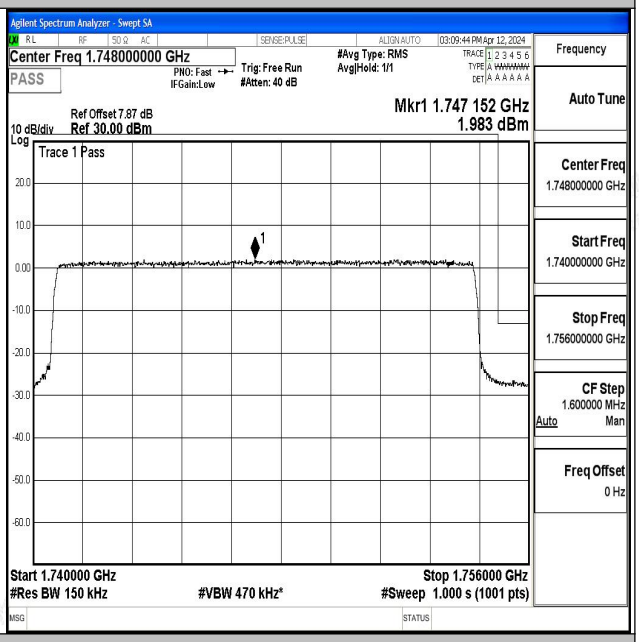
Band4_15MHz_QPSK_20025_75RB#0



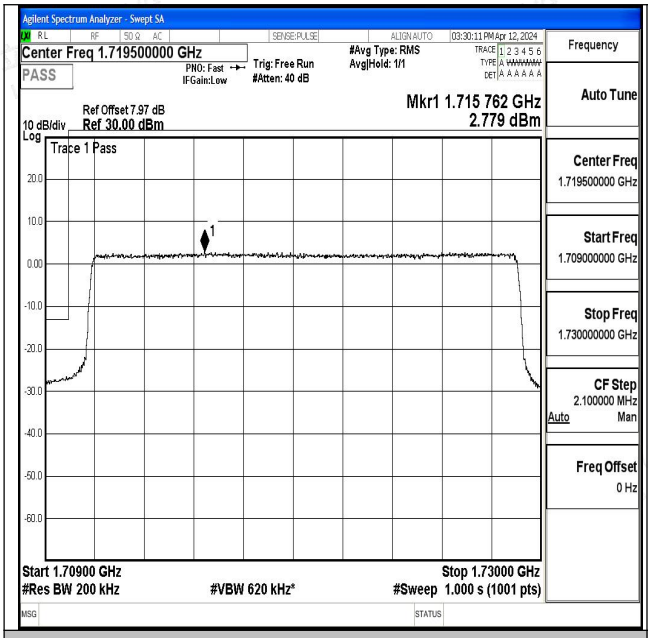
Band4_15MHz_16QAM_20025_75RB#0



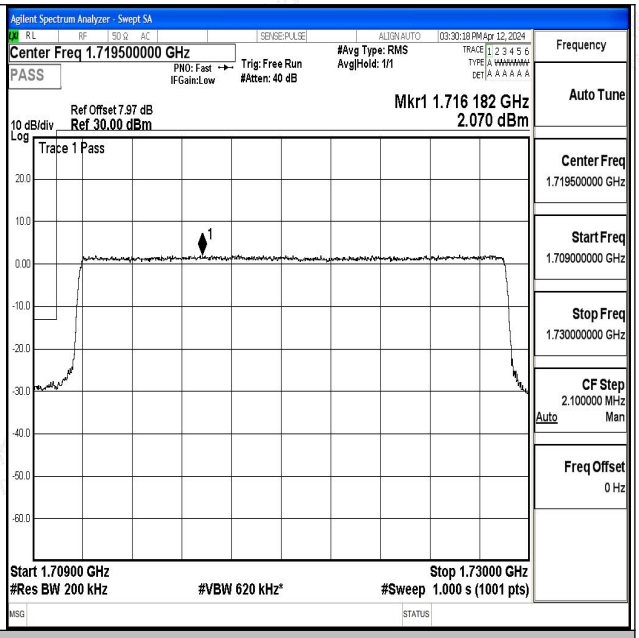
Band4_15MHz_QPSK_20325_75RB#0



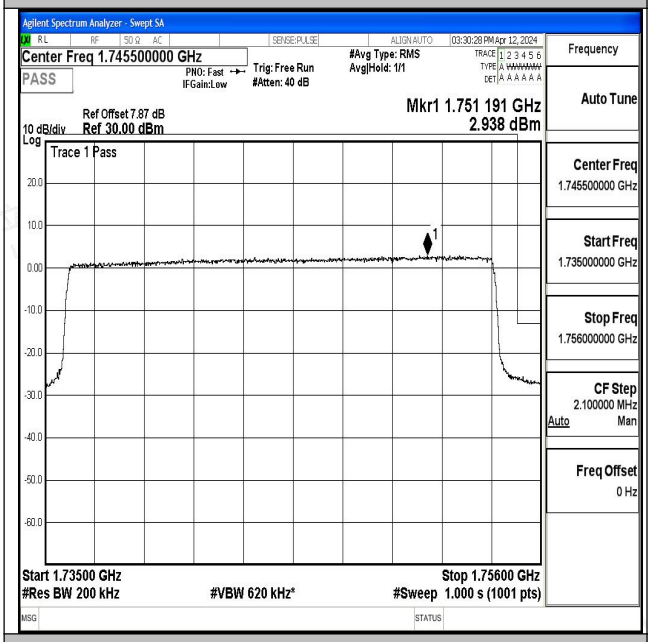
Band4_15MHz_16QAM_20325_75RB#0



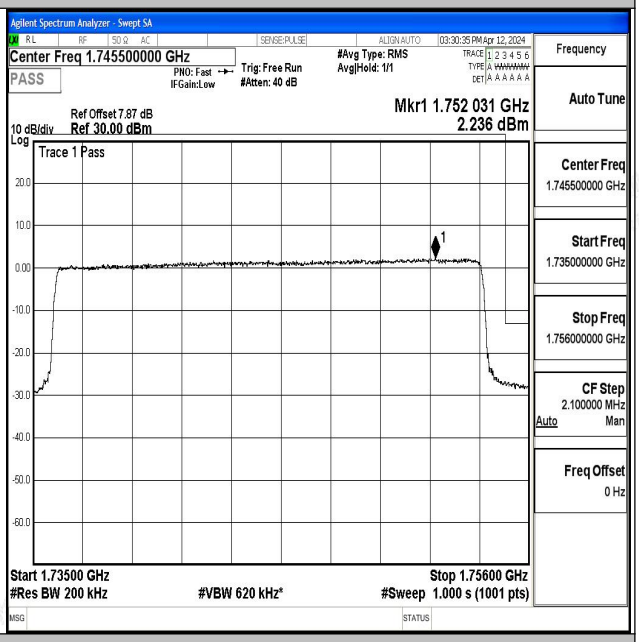
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20300_100RB#0

G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-55.89	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-52.41	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-62.18	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-22.77	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-32.67	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-58.37	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-51.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-62.25	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-24.90	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-32.85	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-55.84	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-52.21	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-61.87	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-21.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-32.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-56.24	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-53.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-62.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-25.50	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-33.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-57.67	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-54.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-61.85	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-21.27	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-32.56	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-59.36	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-50.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-62.30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-20.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.33	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-58.16	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-53.11	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-62.07	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-28.64	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-32.90	PASS

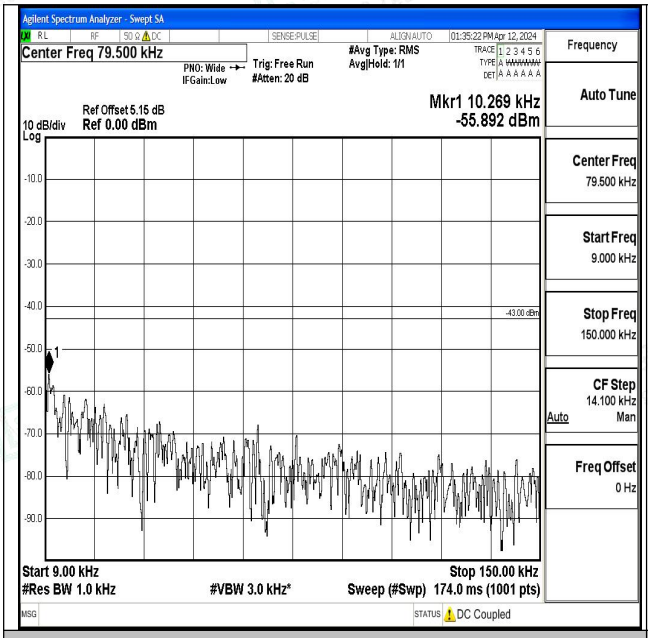
Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-57.45	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-53.78	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-61.99	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-27.48	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-32.88	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-58.03	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-51.91	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-62.25	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-27.58	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-32.61	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-59.14	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-49.44	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-61.92	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-28.44	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.29	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-58.96	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-51.18	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-62.11	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-28.79	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.23	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-58.39	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-53.27	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-61.88	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-28.03	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-33.31	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-56.27	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-50.79	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-62.05	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-36.13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-33.07	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-57.74	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-50.60	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-62.08	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-35.71	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-32.93	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-58.37	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-53.49	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-61.98	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-36.78	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-32.76	PASS

Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-56.70	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-50.69	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-62.01	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-40.28	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-59.33	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-49.80	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-62.35	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-39.54	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-33.04	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-57.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-50.50	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-62.17	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-41.59	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-33.36	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-58.81	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-52.69	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-61.98	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-47.44	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-33.12	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-57.65	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-51.99	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-62.05	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-47.79	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-32.78	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-57.97	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-52.22	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-62.18	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-47.71	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-33.03	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-57.65	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-51.26	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-62.15	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-47.66	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.30	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-57.22	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-51.89	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-62.24	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-47.83	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-32.99	PASS

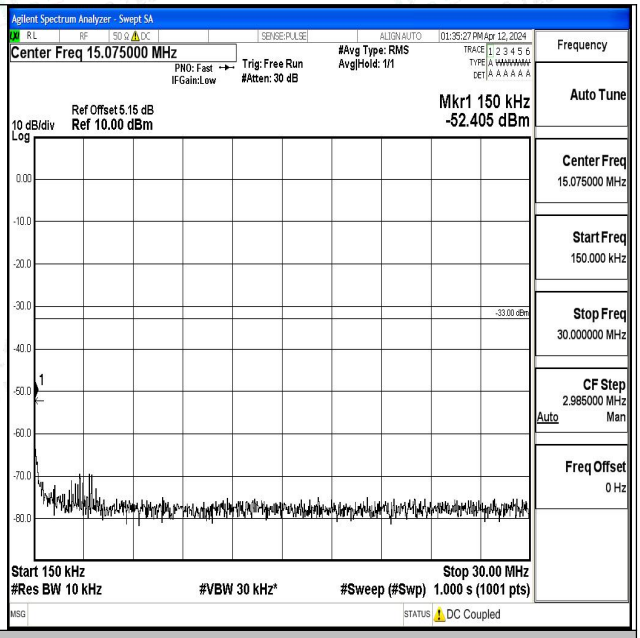
Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-59.40	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-54.31	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-62.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-47.65	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-33.08	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-58.81	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-53.24	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-62.04	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-46.73	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.13	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-58.30	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-53.05	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-62.17	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-46.88	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-33.14	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-58.95	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-51.15	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-61.90	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-47.33	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-33.18	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-57.18	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-53.73	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-62.04	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-47.78	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.35	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-57.41	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-51.86	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-62.15	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-47.47	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-32.95	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-56.70	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-52.47	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-62.09	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-47.71	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-33.01	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-58.71	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-51.59	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-62.22	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-41.75	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-33.18	PASS

Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-56.72	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-52.79	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-61.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-43.32	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-33.28	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-58.37	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-53.95	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-62.08	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-47.41	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.11	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-58.02	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-52.19	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-62.19	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-47.80	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-33.20	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-56.15	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-53.04	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-62.42	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.40	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-32.92	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-57.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-53.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-62.26	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-48.06	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-33.16	PASS

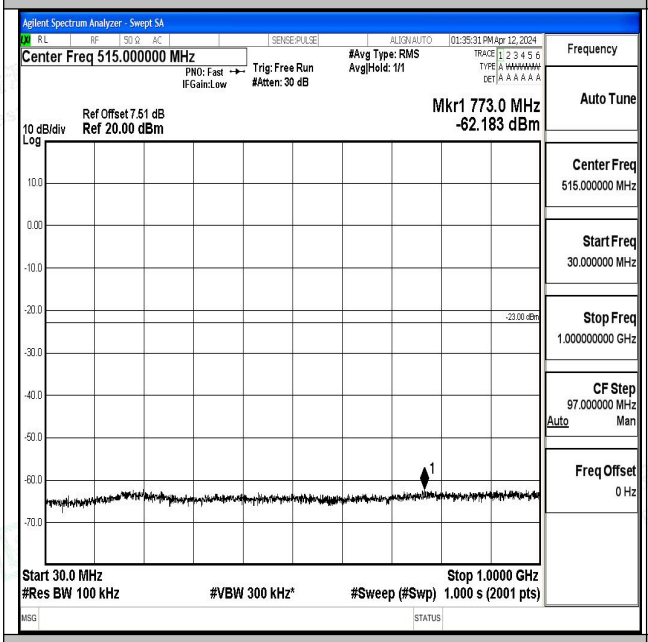
Test Graphs



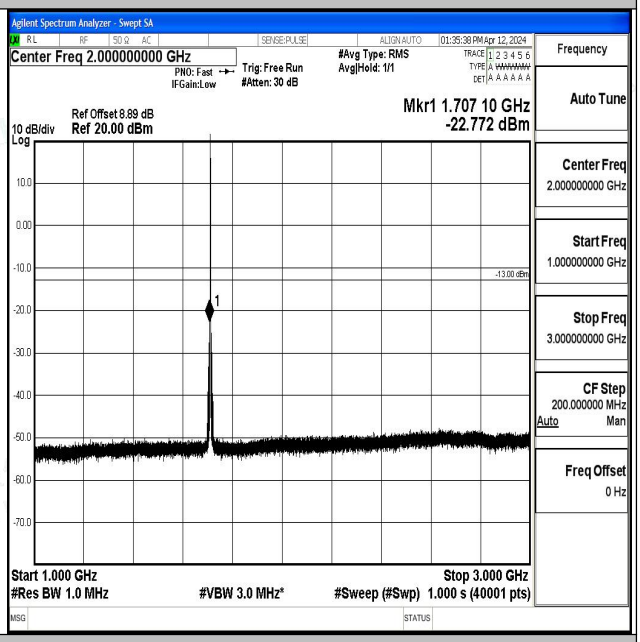
Band4_1.4MHz_QPSK_19957_1RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_QPSK_19957_1RB#0_0.15~30_0.15~30



Band4_1.4MHz_QPSK_19957_1RB#0_30~1000_30~1000



Band4_1.4MHz_QPSK_19957_1RB#0_1000~3000_1000~3000